

IDS Form PTO/SB/08: Substitute for form 1448A PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number 09/804,432

Filing Date July 11, 2001

First Named Inventor RAGHAVAN, Sreen

Art Unit 2634

Examiner Name WILLIAMS, Lawrence

Attorney Docket Number 9146.0001-00

SEP 12 2006

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
LW		US-2004/0162023	08-19-2004	Cho	
		US-2004/0137941	07-15-2004	Tanaka et al.	
		US-2004/0121753	08-24-2004	Sugar et al.	
		US-2004/0106380	06-03-2004	Vassiliou et al.	
		US-2004/0091028	05-13-2004	Aronson et al.	
		US-2003/0054782	03-20-2003	Snider	
		US-2003/0017809	01-23-2003	Garlepp et al.	
		US-2002/0163974 A1	11-07-2002	Friedman	
		US-2002/0086651	07-04-2002	Prentice et al.	
		US-2002/0039052	04-04-2002	Straub et al.	
		US-6,804,497	10-12-2004	Kerth et al.	
		US-6,731,704	05-04-2004	Kiyanagi	
		US-6,529,303 B1	03-04-2003	Rowan et al.	
		US-6,292,559 B1	09-18-2001	Gaikwad et al.	
		US-6,259,745 B1	07-10-001	Chan	
		US-5,838,740	11-17-1998	Kallman et al.	
		US-5,822,368 A	10-13-1998	Wang	
		US-5,285,474 A	02-08-1994	Chow et al.	
LW		US-4,679,225	07-07-1987	Higashiyama	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁸
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
LW		EP 0554056 B1	05-27-1998	Fujitsu Limited		
LW		EP 0987830 A	03-22-2000	Mitsubishi Electric Corp.		
LW		WO 99/45683	09-10-1999	Kestrel Solutions, Inc.		
LW		WO 00/51303 A	08-31-2000	Aware Inc.		

Examiner Signature /Lawrence Williams/ (12/11/2006) Date Considered

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet	2	of	2
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Complete if Known	
Application Number	09/804,432
Filing Date	July 11, 2001
First Named Inventor	RAGHAVAN, Sreen
Art Unit	2634
Examiner Name	WILLIAMS, Lawrence B.
Attorney Docket Number	9148.0001-00

FOREIGN PATENT DOCUMENTS					
LW		WO 03/007564 A	01-23-2003	Myrica Networks Inc.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published.	Translation ²
LW		CLARK, JR., G.C. and CAIN, J.B., Error Correction Coding for Digital Communications (Plenum Press, New York 1981) pp 253-264	
LW		International Search Report dated July 12, 2004, from corresponding PCT Application No. PCT/US04/014538.	
LW		LEE, EDWARD A. and MESSERSCHMITT, DAVID G., Digital Communications (Kluwer Academic Publishers, 1988) pp 371-402	
LW		SKLAR, BERNARD, Digital Communications, Fundamentals and Applications (Prentice-Hall, Inc., 1988)	
LW		UNGERBOECK, G., "Channel Coding with Multilevel/Phase Signals," IEEE Transactions on Information Theory, vol 11-28, January 1982, pp 55-67	
LW		UNGERBOECK, G., "Trellis Coding Modulation with Redundant Signal Sets, Part I. Introduction." IEEE Communications Magazine, vol. 25, no. 2, Feb. 1987, pp. 5-11	

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**INFORMATION DISCLOSURE
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Application Number	09/904,432
Filing Date	July 11, 2001
First Named Inventor	RAGHAVAN, Sreen
Art Unit	2638
Examiner Name	WILLIAMS, Lawrence B.
Attorney Docket Number	9146.0001-00

Sheet 1 of 1

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials ²	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

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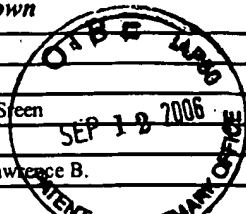
FOREIGN PATENT DOCUMENTS						
Examiner Initials ²	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
LW		CN 2161025 Y	04-06-1994	Li		No

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
LW		Office Action issued by the Chinese IPO on March 17, 2006 (Our ref 9146.01-139), with English translation, 18 pages.	
LW		Response to Final Office Action filed May 1, 2006 in U.S. Appl. No. 09/965,242 (Our ref. 9146.01-01).	
LW		Response to Office Action dated March 28, 2006, in U.S. Appl. No. 10/071,771 (Our ref. 9146.01-02)	

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IDS Form PTO/SB/08: Substitute for form 1449A/PTO <div style="text-align: center; font-weight: bold; font-size: 1.2em;"> INFORMATION DISCLOSURE STATEMENT BY APPLICANT </div> <div style="text-align: center; font-size: 0.8em;"> <i>(Use as many sheets as necessary)</i> </div>				Complete if Known	
		Application Number	09/904,432		
		Filing Date	July 11, 2001		
		First Named Inventor	RAGHAVAN, Sreen		
		Art Unit	2611		
		Examiner Name	WILLIAMS, Lawrence B.		
		Attorney Docket Number	9146.0001-00		
Sheet	1	of	1		

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LW		Office Action mailed July 26, 2006 in U.S. Appl. No. 09/965,242 (Our ref. 9146.0001-01).	
LW		Final Office Action mailed June 13, 2006, in U.S. Appl. No. 10/071,771 (Our ref. 9146.0001-02).	
LW		Response to Office Action dated August 1, 2006, in U.S. Appl. No. 10/071,771 (Our ref. 9146.0001-02).	

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IDS Form PTO/SB/08: Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/904,432
		Filing Date	July 11, 2001
		First Named Inventor	RAGHAVAN, Sreen
		Art Unit	2638
		Examiner Name	WILLIAMS, Lawrence
Sheet 1 of 1	Attorney Docket Number	9148.0001-00	

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
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LW		CN 2161025 Y	04-06-1994	Li		No

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LW		Office Action issued by the Chinese IPO on March 17, 2006 (Our ref 9146.01-139), with English translation, 18 pages.	
LW		Response to Final Office Action filed May 1, 2006 in U.S. Appl. No. 09/965,242 (Our ref. 9146.01-01).	
LW		Response to Office Action dated March 28, 2006, in U.S. Appl. No. 10/071,771 (Our ref. 9146.01-02)	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/904,432
		Filing Date	July 11, 2001
		First Named Inventor	RAGHAVAN, Sreen
		Art Unit	2638
		Examiner Name	WILLIAMS, Lawrence B.
Sheet 1 of 2	Attorney Docket Number	9146.0001-00	

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LW		US-2004/0130483 A1	07-08-2004	Brilka et al.	
		US-4,599,732	07-08-1986	LeFever	
		US-4,995,031	02-19-1991	Aly et al.	
		US-5,604,768	02-18-1997	Fulton	
		US-5,715,280	02-03-1998	Sandberg et al.	
		US-5,844,950	12-01-1998	Aono et al.	
		US-5,852,629	12-22-1998	Iwamatsu	
		US-6,044,112	03-28-2000	Koslov	
		US-6,121,828	09-19-2000	Sasaki	
		US-6,128,114	10-03-2000	Wingo	
		US-6,351,677 B1	02-26-2002	Leyonhjelm et al.	
		US-6,441,683 B1	08-27-2002	Hwang et al.	
		US-6,522,702 B1	02-18-2003	Maruyama	
		US-6,647,071 B2	11-11-2003	Sommer et al.	
		US-6,807,234 B2	10-19-2004	Hansen	
LW		US-6,831,954 B1	12-14-2004	Mandyam	

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Sheet	2	of	2	Attorney Docket Number	9146.0001-00

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LW		EPO Examination Report for EP Application No. 02 748 158.9, dated December 8, 2004 (4 pages).	
LW		Response to Office Action dated October 28, 2005 in U.S. Appl. No. 09/965,242 (Our ref. 9146-01-01).	
LW		Final Office Action mailed January 30, 2006 in U.S. Appl. No. 09/965,242 (Our ref. 9146-01-01).	
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